

Name: _____

Date: _____

Parameters & Statistics

Instructions:

For each study below, identify the population, sample, parameter of interest, and any statistics.

1. A poll is a type of survey that is used to make statistical inference, a conclusion about a population based on a sample. In 2013, Gallup, a polling agency, surveyed 2,048 adults to find out Americans' main source of news. 55% of adults responded that they get their news from television.

Population: _____ Parameter: _____

Sample: _____ Statistic: _____

2. In 2009, Time Magazine conducted an Internet poll of affluent adults (people whose income is \$150,000 per year or more). A total of 603 affluent adults over the age of 18 were interviewed. They found that 95% of affluent Americans made online purchases in the last year.

Population: _____ Parameter: _____

Sample: _____ Statistic: _____

3. In a 2013 article published by The Guardian, an English newspaper, a survey found that 62% of 16-24 year-olds prefer print books over digital books. In this survey, 1,420 young adults aged 16-24 were interviewed.

Population: _____ Parameter: _____

Sample: _____ Statistic: _____

4. The Centers for Disease Control (CDC) collected data from 20,015 Americans between 2007 and 2010. The CDC wanted to know wanted to know the typical height of women over age 20. 5,971 women age 20 and over were part of the study. They found that the average height in centimeters is 63.8.

Population: _____ Parameter: _____

Sample: _____ Statistic: _____
